

## Claims

- 1.- An electronic display system comprising:
  - at least one electronic display apparatus, the at least one electronic display apparatus comprising
    - an electronic non-volatile display device which is able to retain an image after power is switched off,
    - a display driver circuit,
    - a storage means to store locally to the at least one electronic display apparatus a content of at least one image to be displayed on the at least one electronic non-volatile display device,
    - transferring means for transferring the content of the at least one image from the local storage means to the display driver circuit for displaying the at least one image on the electronic non-volatile display device, and
  - a connecting means to connect the electronic display system to a network central processor.
- 2.- An electronic display system according to claim 1, furthermore comprising a power supply.
- 3.- An electronic display system according to claim 1, furthermore comprising a diagnostics unit for sensing health conditions of the at least one electronic display apparatus, and for transmitting a signal representative of the sensed health condition to the network central processor.
- 4.- An electronic display system according to claim 1, wherein the network central processor is a server that provides dynamic content to the at least one electronic non-volatile display device .
- 5.- An electronic display system according to claim 1, wherein the means to connect the at least one display apparatus to a network central processor comprises a wired connection.
- 6.- An electronic display system according to claim 1, wherein the means to connect the at least one display apparatus to a network central processor comprises a wireless connection.

- 7.- An electronic display system according to claim 1, wherein the means to connect the at least one electronic display apparatus to a network central processor comprises a receive and transmit unit.
- 8.- An electronic display system according to claim 1, wherein the electronic non-volatile display device comprises passive display material.
- 9.- An electronic display system according to claim 8, wherein the passive display material comprises any of electrophoretic materials, electrochromic materials, cholesteric and nematic bistable LCD materials or bichromal bead materials.
- 10.- An electronic display system according to claim 1, wherein the means for storing locally to the at least one electronic display apparatus keeps the storage of the at least one image after loss of connection to the network central processor.
- 11.- Use of the electronic display system according to claim 1 for outdoor advertising.
- 12.- Method of displaying an image on an electronic non-volatile display device of an electronic display apparatus, which electronic non-volatile display device is able to retain an image after power is switched off, the method comprising:
- receiving from a network central processor at least one image to be displayed on the electronic non-volatile display device,
  - storing in a storage means local to the electronic non-volatile display device the at least one image to be displayed on the electronic non-volatile display device received from the network central processor,
  - transferring the at least one image from the local storage means to a display driver circuit, and
  - driving the electronic non-volatile display device in accordance with the image transferred to the display driver circuit.